

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

NARAYAN P. MENON, ET AL.

Application No.:

Filed:

For: **Wireless Access Unit with Trunk Interface**

Art Group: 2661

Examiner: Cangialosi

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

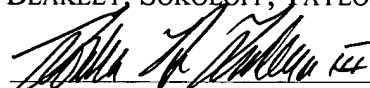
In accordance with the duty of disclosure, enclosed is a copy of Information Disclosure Statement by Applicant (form PTO/SB/08), which is being submitted . It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/812,534, filed March 19, 2001) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 3/18/14



Gordon R. Lindeen III, Reg. No. 33,192

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (303) 740-1980

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

Narayan Menon, et. al.

FILING DATE:

Cone, Horowitz

GROUP:

21601

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
AA	3,711,647	01/16/73	Boyer	179	2	12/22/70
AB	3,856,982	12/24/74	Lawson et al.	179	90	04/26/73
AC	3,912,875	10/14/75	Katz	179	41	04/03/72
AD	3,974,343	08/10/76	Cheney et al.	179	18	01/10/76
AE	4,005,269	01/25/77	Willis	179	2C	01/06/75
AF	4,012,596	03/15/77	West, Jr. et al.	179	41	08/06/75
AG	4,028,500	06/07/77	McClure et al.	179	41	04/21/75
AH	4,071,711	01/31/78	Beaupre et al.	179	41	06/20/75
AI	4,122,304	10/24/78	Mallien, II	179	2	04/01/77
AJ	4,176,254	11/27/79	Tuttle et al.	179	5R	12/27/77
AK	4,234,764	11/18/80	Beebe	179	90	01/22/79
AL	4,369,516	01/18/83	Byrns	375	110	09/15/80
AM	4,425,480	01/10/84	Lischin	179	90	11/20/81
AN	4,555,592	11/26/85	Deinzer	179	2	05/23/83
AO	4,562,307	12/31/85	Bursztejn et al.	179	2	08/13/84
AP	4,567,588	01/28/86	Jerrim	370	18	03/23/84
AQ	4,568,800	02/04/86	Orikasa	179	2	03/28/84
AR	4,577,182	03/18/86	Millsap et al.	340	539	04/10/84
AS	4,601,047	07/15/86	Horwitz et al.	375	2.2	03/23/84
AT	4,635,285	01/06/87	Coombes	379	63	04/12/84
AU	4,658,096	04/14/87	West, Jr. et al.	379	59	09/18/84
AV	4,658,304	04/14/87	Tsunekawa et	358	310	02/11/82
AW	4,677,656	06/30/87	Burke et al.	379	63	06/19/84

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

ATTY. DOC. NO.

42 P11564C2

SERIAL NO.

APPLICANT:

Narayan Menon, et. al.

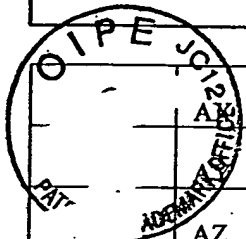
FILING DATE:

Conc. Haranuth

GROUP:

20601

(Use several sheets if necessary)



AX	4,688,210	08/18/87	Eizenhofer et	370	18	03/18/86
	4,724,435	02/09/88	Moses et al.	340	870	11/06/85
AZ	4,724,538	02/09/88	Farrell	379	59	09/06/85
BA	4,737,975	04/12/88	Shafer	379	58	12/30/86
BB	4,765,753	08/23/88	Schmidt	379	60	03/03/87
BC	4,775,997	10/04/88	West, Jr. et al.	379	58	04/08/87
BD	4,868,519	09/19/89	Shafer	330	284	11/02/88
BE	4,922,517	05/01/90	West, Jr. et al	379	58	09/15/88
BF	4,937,852	06/26/90	Manzarek	379	61	02/29/88
BG	4,959,851	09/25/90	Tobolski, Jr. et	379	59	05/10/89
BH	4,975,926	12/04/90	Knapp	375	1	03/30/89
BI	4,984,247	01/08/91	Kaufmann et al.	375	1	09/29/89
BJ	5,046,066	09/03/91	Messenger	370	94.1	02/12/87
BK	5,099,493	03/24/92	Zeger et al.	375	1	08/27/90
BL	5,117,450	05/26/92	Joglekar et al.	379	58	11/27/90
BM	5,134,651	07/28/92	Ortiz et al.	379	112	04/18/91
BN	5,151,920	09/29/92	Haagh et al.	375	1	09/10/91
BO	5,200,956	04/06/93	Pudney et al.	370	95.1	05/22/90
BP	5,206,881	04/27/93	Messenger et	375	1	04/15/92
BQ	5,231,646	07/27/93	Heath et al.	375	1	03/16/92
BR	5,243,641	09/07/93	Evans et al.	379	61	07/17/92
BS	5,260,967	11/09/93	Schilling	375	1	01/13/92
BT	5,276,703	01/04/94	Budin et al.	375	1	01/13/92
BU	5,278,890	01/11/94	Beeson, Jr., et al.	379	57	11/27/91
BV	5,285,469	02/08/94	Vanderpool	375	1	06/07/91

EXAMINER:

DATE CONSIDERED:

EXAMINER: initial if reference is considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include a copy of this form with next
communication to applicant

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

APPLICANT:

Narayan Menon, et. al.

FILING DATE:

Core. Herewith

GROUP:

2661

(Use several sheets if necessary)

BV	5,303,286	04/12/94	Wiedeman	379	59	03/29/91
BX	5,303,287	04/12/94	Laborde	379	59	08/13/92
BY	5,319,634	06/07/94	Bartholomew et	370	18	10/07/91
BZ	5,337,342	08/09/94	Kruger et al.	379	40	09/14/92
CA	5,343,496	08/30/94	Honig et al.	375	1	10/24/93
CB	5,361,297	11/01/94	Ortiz et al.	379	130	07/28/92
CC	5,402,413	03/28/95	Dixon	370	18	04/08/91
CD	5,428,821	06/27/95	Krisna et al.	455	54	06/28/91
CE	5,455,822	10/03/95	Dixon et al.	370	18	12/03/93
CF	5,467,367	11/14/95	Izumi et al.	375	206	06/13/94
CG	5,475,735	12/12/95	Williams et al.	379	59	12/02/93
CH	5,481,533	01/02/96	Honig et al.	370	18	05/12/94
CI	5,488,631	01/30/96	Gold et al.	375	206	10/31/94
CJ	5,506,837	04/09/96	Sollner et al.	370	31	02/10/94
CK	5,535,260	07/09/96	Zicker et al.	379	63	09/29/94
CL	5,537,458	07/16/96	Suomi et al.	379	59	08/16/93
CM	5,548,583	08/20/96	Bustamante	370	18	02/15/95
CN	5,577,029	11/19/96	Lu et al.	370	54	05/04/95
CO	5,596,625	01/21/97	LeBlanc	379	60	09/28/94
CP	5,671,219	09/23/97	Jensen et al.	370	280	06/07/95
CQ	5,724,647	03/03/98	Sato	455	54.1	03/16/95
CR	5,787,355	07/28/98	Bannister et al.	455	458	04/22/94

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

ATTY. DOC. NO.

SERIAL NO.

42P1156AC2

APPLICANT:

Narayan Menon, et. al.

FILING DATE:

GROUP:

Core. Harwell

2661

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		Telular Prospectus, January 27, 1994
	CT	Indoor Radio Communications Using Time-Division Multiple Access with Cyclical Slow Frequency Hopping and Coding, Adel A.M. Saleh, Leonard J. Cimini, Jr. IEEE Journal on Selected Areas in Communications, Vol. 7, No. 1, Jan. 1989, pp. 59-70
	CU	Universal Digital Portable Radio Communications, Donald C. Cox, Proceedings of the IEEE, Vol. 75, No. 4, April 1987
	CV	E.F. Johnson, 1154 Cellular Mobile Transceiver Service Manual; Jun. 1985
	CW	Glenayre, GL2020 Mobile Telephone Operating Instructions; Glenayre Electronics (Applicant believes that the date of publication is prior to July, 1995)
	CX	Fixed Subscriber Radio Systems at V.H.F and U.H.F., Radio & Elec. Eng. Australia, A.J. Edwards, Dec. 1972
	CY	"Notes on the Network" by AT&T Network Planning Division Fundamental Network Planning Section, AT&T, 1980
	CZ	"90935/36 Remote and Master Telephone/Radio Interface Modules", Installation & Maintenance Practice, Dantel, Inc., 1981
	DA	"Cellnet adds data to cellular service" International News, telephone engineer & Management, November 1, 1985
	DB	"Celldata launched", British Telecom Journal, No. 3, (1985) Vol. 6, Autumn
	DC	"Low Bit-Rate Speech Coders Applicable in Mobile Satellite Communication Systems", Neviano DAL DEGAN and Fulvio RUSINA, CSELT - Centrol Studie Laboratori Telecommunication S.p.A - Via G. Reiss Rom oli, 274 - 10148
	DD	Radio Subscriber System, NEC Res. Develop. (Japan) T. Miyawaki, M. Tanka, H. Orikasa, I. Hotta, Apr. 1979
	DE	"Radio Linked Exchange and Concentrator Rural Telephone System" (RTS) 1975
	DF	An Automatic, Fully Interconnected HF Radio Telephone System, E. W. Derbyshire, Canadian Marconi Company, Montreal, Canada (Applicant believes that the date of publication is prior to July, 1995)
	DG	GM's Hughes Unites is Said to Receive China Phone Job, Wall Street Journal Article, Jeff Cole, 4/13/93
	DH	EXLOCRA: Local Extension by Radio, Francois P.M. Grandchamp, Telecommunications Journal, Aug. 1982
	DI	Design of a Multiple Access Radio System for rural Telephony, A. Golderos Sanchez, Telecommunications Journal, Nov. 1983
	DJ	Subscriber Radio Telephone system for Rural Areas, M. Komura, T. Miyaagawa, Y. Suzuki, J. Uehara, Japanese Telecommunications Journal, April 1976
	DK	Cellular Radio Telephony; Ericsson Review, 1987
	DL	System Description; Nordic Mobile Telephone 1977
	DM	Technical Manual; Canadian Marconi Company, Nov. 22, 1984
	DN	User's Guide for AT&T 3730/3710 or OKI 900/910 Portable Cellular Telephones; Cellular/Data Link, 1993

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOC. NO.

4281156ACZ

SERIAL NO.

APPLICANT:

Narayan Menon, et. al.

FILING DATE:

Cene. Herewith

GROUP:

2601

DO	1975	New Rural Radiotelephone Brings Normal Service to Near—Impossible Areas, John W. Hagen, Telephony, Sep.
		The Problem of Radio Telephone Systems for Rural Subscribers; F. Barresi, K. Ongaro, M. Saba, S. Urbano, I.C.C., June 1978
DQ		Ericsson Radio Systems, "PayPhone", 12/19/84, Rev. A
DR		Ericsson Radio Systems, "Coinbox-Interface", 12/19/84, Rev. A
DS		Ericsson Radio Systems, "Radio Interference", 12/20/84 Rev. A
DT		Ericsson Radio Systems, "Payphone", 12/20/84, Rev. A
DU		Ericsson Radio Systems, "Coinbox-Interface", 12/20/84
DV		Valtion Teknillinen Tutkimuskeskus documentation of prototype for NMT coin telephone adaptor dated 4/30/83 and English translation
DW		Description of Automatic Coastal Radio Network (ARRV) and English Translation (Applicant believes that the date of publication is prior to July, 1995)
DX		Valtion Teknillinen Tutkimuskeskus press release of successful trial of Valtion Teknillinen tutkimuskeskus developed adaptor for connecting coin telephone to NMT, (Applicant believes that the date of publication is prior to July, 1995) and English Translation
DY		Copy of minutes of Valtion Teknillinen Tutkimuskeskus confirming completion of project to develop a prototype to test feasibility of wireless NMT coin telephone service dated 6/27/83 and English Translation
DZ		Copy of PTT request for proposal for wireless NMT coin telephone service and English translation, dated 4/19/82
EA		PTT purchase order accepting Valtion Teknillinen Tutkimuskeskus proposal set forth in their proposal dated 6/18/82 and English translation
EB		Valtion Teknillinen Tutkimuskeskus proposal for developing adaptor for coin telephone connection to NMT system dated 5/17/82 and English Translation
EC		PTT press release of successful trial of Valtion Teknillinen Tutkimuskeskus developed adaptor for connecting coin telephone to NMT dated 5/13/83
ED		PTT memo on proposal implementation of NMT coin telephone system dated 4/3/81 in Finnish language and English Translation
EE		Copy of letter from Valtion Teknillinen Tutkimuskeskus to PTT confirming acceptance of proposal dated 8/4/82 and English Translation
EF		Original PTT project specification for wireless NMT coin telephone service (3 versions) 11/9/81, 9/6/83, and 1/15/85

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant